

ABSTRACT OF THE DISCLOSURE

A method for network multiplexing and tunneling includes opening a single Transmission Control Protocol (TCP) connection between at least two endpoints in the network, establishing a Secure Sockets Layer (SSL) over the opened Transmission
5 Control Protocol (TCP) connection, mutually authenticating each of the endpoints of the SSL TCP connection, and multiplexing other connections through the secure connection once both of the endpoints have been authenticated.

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